

**What is Claimed:**

1. A method for rendering graphics on a display device for a computer system having a central processing unit, system random access memory, and a graphics card, said graphics card comprising a graphical processing unit, video random access memory, and a frame buffer, said method comprising:

rendering a graphic in the system random access memory with the central processing unit; and

copying said graphic from the system random access memory to the frame buffer.

2. The method of claim 1 wherein said graphic comprises a complex graphic element.

3. The method of claim 2 wherein said complex graphic comprises a sub-pixel manipulation technology.

4. The method of claim 2 wherein said complex graphic comprises anti-aliasing.

5. The method of claim 2 wherein said complex graphic comprises shading.

6. The method of claim 2 wherein said complex graphic comprises texturing.

7. The method of claim 2 wherein said complex graphic comprises alpha-blending.

8. The method of claim 2 wherein said portrait-oriented graphic is displayed on the display device in a secondary portrait mode.

9. The method of claim 2 wherein said complex graphic comprises a compositing of overlays.

10. The method of claim 1 wherein said computer system further comprises an accelerated graphics port (ACP) between the central processing unit, the system random access memory, and the graphics card.

11. The method of claim 1 wherein said graphic card comprises a graphics accelerator.

12. The method of claim 1 wherein said graphic card comprises a graphics coprocessor.

13. A computer-readable medium having computer-readable instructions for rendering graphics on a display device for a computer system comprising a central processing unit, system random access memory, and a graphics card, said graphics card comprising a graphical processing unit, video random access memory, and a frame buffer, said computer-readable instructions comprising:

instructions for rendering said graphic in the system random access memory with the central processing unit; and

instructions for copying said graphic from the system random access memory to the frame buffer.

14. The computer-readable medium of claim 13 further comprising instructions for rendering a complex graphic in system random access memory with the central processing unit.

15. The computer-readable medium of claim 14 wherein said complex graphic comprises a sub-pixel manipulation technology.

16. The computer-readable medium of claim 14 wherein said complex graphic comprises anti-aliasing.

17. The computer-readable medium of claim 14 wherein said complex graphic comprises shading.

18. The computer-readable medium of claim 14 wherein said complex graphic comprises texturing.

19. The computer-readable medium of claim 14 wherein said complex graphic comprises alpha-blending.

20. The computer-readable medium of claim 14 wherein said complex graphic comprises an orientation-change graphic.

21. The computer-readable medium of claim 14 wherein said complex graphic comprises a compositing of overlays.

22. A system for rendering graphics on a display device, said system comprising:

- a central processing unit;  
system random access memory coupled to said central processing unit;  
a graphics card coupled to said central processing unit and system random access memory, said graphics card comprising a graphical processing unit, video random access memory, and a frame buffer; and  
a software program, loaded into system random access memory, for the central processing unit to render said graphics in the system random access memory and to copy said graphics from the system random access memory to the frame buffer.
23. The system of claim 22 wherein said graphics comprise a complex graphic element.
24. The system of claim 23 wherein said complex graphic comprises a sub-pixel manipulation technology.
25. The system of claim 22 wherein said computer system further comprises an accelerated graphics port (ACP) coupled to the central processing unit, the system random access memory, and the graphics card.
26. The system of claim 22 wherein said graphic card comprises a graphics accelerator.
27. The system of claim 22 wherein said graphic card comprises a graphics coprocessor.
28. A system for rendering graphics on a display device for a computer system having a central processing unit, system random access memory, and a graphics card, said graphics card comprising a graphical processing unit, video random access memory, and a frame buffer, said method comprising:  
means for rendering said graphic in the system random access memory with the central processing unit; and  
means for copying said graphic from the system random access memory to the frame buffer.